

CPC EMC NHC OPC WPC CCB
Meeting Agenda
1730Z – 12 Mar 2020

I. Enterprise Discussion

A. Schedule of Events (SOE) Enterprise highlights, available [online](#)

❖ WCOSS:

- Tide and Gyre (aka WCOSS Phase 1 and Phase 2) will be retired soon. The schedule is:
 - Gyre unmounted from Surge/Venus – was to be implemented on March 9, 2020 but is now TBD.
 - Tide unmounted – March 31, 2020 (tentative)
 - Tide/Gyre compute nodes turned off – April 7, 2020 (tentative)
 - Tide/Gyre access restricted – April 22, 2020 (tentative).
- 24-hr parallel production test that was scheduled for this week was postponed due to DBnet issues on WCOSS. A new date is TBD.

B. Upcoming Model Changes and additions – details are available [online](#).

❖ None

C. Proposed upcoming NCO RFC(s) with potential Enterprise effect:

- ❖ RFC 6517 - At OPC all operational NAWIPS workstations are being replaced with new RHEL 7 workstations. Workstations replacements will take place on one OPC operational desk per week. Replacement schedule:
 - Week 1: Opc-lw-outlook.ncep.noaa.gov (completed)
 - Week 2: Opc-lw-bkup.ncep.noaa.gov and Opc-lw-bkup2.ncep.noaa.gov
 - Week 3: Opc-lw-atlreg.ncep.noaa.gov and Opc-lw-atlhs.ncep.noaa.gov
 - Week 4: Opc-lw-pachs.ncep.noaa.gov and Opc-lw-pacreg.ncep.noaa.gov.

Implementation began on February 12 but is on hold due to bugs in NMAP and the Windows manager.

- ❖ RFC 6544 – Replace WPC NAWIPS workstations with new RHEL7 workstations. Implementation began on February 18 and should be completed by March 27. The weekly schedule is as follows:
 - Week 1: wpc-lw-sad2, wpc-lw-sad3, hpc-lw-media (complete)
 - Week 2: hpc-lw-fop, hpc-lw-dtbops2, hpc-lw-medr3 (complete)
 - Week 3: hpc-lw-wwd, hpc-lw-bawx, hpc-lw-medr1
 - Week 4: hpc-lw-medr2, hpc-lw-qpf2, hpc-lw-sfc
 - Week 5: wpc-lw-mdldiag, hpc-lw-qpf1, hpc-lw-back2, hpc-lw-back1, hpc-lw-dtbops1.
- ❖ RFC 6568 - Acquire additional data from SWPC for use in the Whole Atmosphere Model (WAM). Was to be implemented on February 20 and 21 at 1200Z each day; postponed due to issues with the WCOSS DBNet node to dates March 17 and 18 at 1300Z each day.
- ❖ RFC 6571 - Transition all scanlist entries from WCOSS Phase 1 to WCOSS Phase 3 and make any corresponding DBNet changes. Scanlist is used to DBNet alert experimental or pre-prod data to local/remote NCEP Centers and the NESDIS PDA for testing prior to operational model upgrades. Each Center's scanlist table will be transitioned to Phase 3. To be implemented on February 20 at 1400Z; postponed to a date TBD due to issues with the WCOSS DBNet node.
- ❖ RFC 6591 - On WCOSS, update the bastion menu to remove "limited access" from the menu prompt for the Phase 3.5 system. Implemented in Orlando on February 24 at 1600Z; to be implemented in Reston on March 30 at 1600Z.
- ❖ RFC 6647 - Change the run time of the cron job that kicks off many housekeeping scripts which perform various housekeeping jobs and send a summary emails to nwschat admins. It currently runs at 7:10 am ET. NWSChat loses data when the scripts run during a fail over or when NCO patches/restarts the system. NCO wants to reschedule the scripts to run after business hours to avoid the conflict. The new run time will be 7:15 pm ET. Implemented in Silver Spring on March 10. To be implemented in Kansas City on March 12 at 1400Z.
- ❖ Pull FNMOC profile data for CPC in support of their Ocean GODAS project. To be implemented on March 17 at 1100Z.

- ❖ Replace an expired SSL certificate for EMC's website www2.emc.ncep.noaa.gov. To be implemented on March 15 at 1500Z.
- ❖ Add Python module 'shapely' to OPC compute farm virtual machines vm-lnx7-opcops1 and vm-lnx7-opcops2. To be implemented on March 16 at 1500Z.
- ❖ Install version 1.6.0 of the GRIB2 template support library on the WCOSS Dell and Cray. This version includes new or modified parameters and tables in support of upcoming versions of the Global Forecast System (GFS), World Area Forecast System (WAFS), and Global Ensemble Forecast System (GEFS). Additionally, a bug that caused a memory leak in the Unified Post Processing System (UPP) has been corrected. To be implemented on March 17 at 1200Z.
- ❖ Modify a firewall policy to mirror rules that are setup for wwwdb servers for two new dmz systems to allow testing in support of the RHEL7 upgrade project. This was requested by Scott Handel of CPC. To be implemented on March 16 at 1400Z.
- ❖ Increase the partition size of /cpc/aviation by 7.5TB to 13TB. Currently, the volume is 5.5TB in size and 52% is used. To be implemented on March 17 at 1800Z.
- ❖ Pull NASA El Nino data for CPC's Ocean GODAS Project. To be implemented on March 17 at 1700Z.

D. Partners presentation/discussion

II. New Business

- ❖ Scheduled RFCs (Approve/Reject/Defer)
- ❖ Discuss RFCs rejected by the CM staff
- ❖ SCNs/PNSs that may require inter-Center coordination:
 - Soliciting comments on Experimental Beach Forecast webpage and Rip Current Risk Graphic through April 1, 2020. See the PNS at: https://www.weather.gov/media/notification/pns19-33exp_beach_forecast.pdf.
 - Addition of 60-hour tropical cyclone forecasts on or about May 15, 2020. See the SCN at: <https://www.weather.gov/media/notification/scn20-20tropical60-hr.pdf>.
 - Change to NEXRAD Level III product dissemination on or around April 15, 2020. See the SCN at:

https://www.weather.gov/media/notification/scn20-15prc_ctrl_collection.pdf .

- Notification of security changes for the NCEP NOMADS website effective April 28, 2020. The SCN is located at: https://www.weather.gov/media/notification/scn20-13nomads_website.pdf .
- Addition of Global Blended Hydrology products to NOAAPort/SBN effective March 12, 2020. See the SCN at: https://www.weather.gov/media/notification/scn20-03global_hydroaaa.pdf .
- Four NWS Eastern Region WFOs will begin issuing tropical cyclone forecast products effective on or about June 1, 2020. See the SCN at: https://www.weather.gov/media/notification/scn20-27er_tropical.pdf .

III. **Old Business**

- ❖ Verify Completion of Previously Scheduled RFCs
- ❖ Deferred Items

IV. **Announcements/Reminders**

- ❖ None

V. **Next meeting – Thursday March 19 @ 1:30 PM ET (1730Z)**